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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1
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**Complete if Known**


Application Number	10/658/569
Filing Date	September 9, 2003
First Named Inventor	George EMANUEL
Art Unit	3752
Examiner Name	Unassigned
Attorney Docket Number	KSJ 02655 PTUS

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known)				
OK	AA	GB 2 228 138 A	08/15/1990	Societe Anonyme dlte		
	AB	EP 0891 022 A1	01/13/1999	TRW, Inc.		

Examiner Signature		Date Considered	11/5/06
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application Number

10/658,569

Filing Date

**September 9, 2003**

First Named Inventor

Emanuel, George

### Group Art Unit

3752

**Examiner Name**

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**KSY 02655 PTUS**

## U.S. PATENT DOCUMENTS

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	10/658,569
Filing Date	September 9, 2003
First Named Inventor	Emanuel, George
Group Art Unit	3752
Examiner Name	Unassigned
Attorney Docket Number	KSY 02655 PTUS

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		AIAA 94-2416, "Historical Perspectives of the Chemical Oxygen – Iodine Laser (COIL)," by P.V. Avizonis & K.A. Truesdell, 25 <sup>th</sup> AIAA Plasmadynamics and Lasers Conference, June 20-23, 1994, Colorado Springs, CO	
		AIAA 94-2421, "COIL Development in the USA" by K.A. Truesdell, C.A. Helms & G.D. Hager, 25 <sup>th</sup> AIAA Plasmadynamics and Lasers Conference, June 20-23, 1994, Colorado Springs, CO	
		AIAA 2000-2425, "High Mach Number, High Pressure Recovery COIL Nozzle Aerodynamic Experiments" by T.T. Yan, R.A. Dickerson, L.F. Moon & Y.C. Hsia, 31 <sup>st</sup> AIAA Plasmadynamics and Lasers Conference, June 19-22, 2000, Denver, CO	
		"Gas, Chemical and Electrical Lasers and Intense Beam Control and Applications," by Santanu Basu, Steven J. Davis & Ernest A. Dorko, Proceedings of SPIE, January 24-25, 2000, San Jose, CA	
		"Computational Analysis of the Transonic Flow Field of Two-Dimensional Minimum Length Nozzles" by B.M. Argrow & G. Emanuel, <i>Journal of Fluids Engineering</i> , September 1991, Vol. 113	
		"Performance of an Aerospace Plane Propulsion Nozzle" by Y.Y. Bae & G. Emanuel, <i>Journal of Aircraft</i> , Vol. 28, Number 2, February 1991	
		"Comparison of Minimum Length Nozzles" by B.M. Argrow & G. Emanuel, <i>Journal of Fluids Engineering</i> , September 1998, Vol. 110	
		"Design of Nozzle Contraction for Uniform Sonic Throat Flow", T.-L. Ho & G. Emanuel, <i>AIAA Journal</i> , Vol. 28, No. 4 Technical Notes	
		"Gasdynamics: Theory and Applications" By George Emanuel, <i>AIAA Education Series</i> , 1986.	
		Handbook of Chemical Lasers, Ch. 5 "Gas Dynamics of Supersonic Mixing Lasers," G. Grohs & G. Emanuel, TRW Systems Group, 1976	
		Analytical Fluid Dynamics, Second Edition, George Emanuel, Professor, Department of Mechanical and Aerospace Engineering, University of Texas, Arlington, dated 2001	

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1/5/06

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